

REMARKS

In response to the Office Action dated February 17, 2005, Applicants respectfully request reconsideration of pending claims 1-19. Claims 1, 2, 7-11 and 19 stand rejected under 35 U.S.C. 102 as being anticipated by U.S. Patent No. 6,027,334 (Blaschke). Applicant respectfully traverses these rejections.

Claims 1-18

Claim 1 is directed to an evaporative burner for combusting fuel from a fuel supply and air from an air supply. The evaporative burner of claim 1 includes a swirler for feeding air into the burner and an evaporation chamber connected to the swirler for receiving air and fuel. The evaporation chamber includes a socket for accommodating an igniter assembly and has inside walls. The evaporative burner of claim 1 also includes an igniter assembly coupled to the evaporation chamber. The igniter assembly includes an air port and a fuel port. The evaporative burner also includes a reverse throat coupled to the evaporation chamber with raised ends. The raised ends of the reverse throat reach into the evaporation chamber.

The Office Action identifies item 6 in Blaschke as a reverse throat that has raised ends that reach into the evaporation chamber. Applicants respectfully disagree. Item 6 in Blasche is a "flat front limiting wall" which in combination with cylindrical circumferential limiting wall 2 defines a combustion space. (Col. 6, lines 23-26) Item 6, does not, however, include raised ends that extend into an evaporation chamber as recited in claim 1. As such, claim 1 is patentable over Blaschke. Claims 2-18 depend from claim 1 and, therefore, are patentable for at least the same reasons.

Claim 19

Claim 19 is directed to a method for stabilizing a flame in an evaporative burner, the burner including an evaporative chamber and an igniter assembly coupled to the chamber. The method includes, *inter alia*, providing a reverse throat with raised ends reaching into the evaporative chamber for retaining the flame in the chamber. As discussed above, Blaschke does not teach or suggest a method (or an apparatus) that utilizes a reverse throat with raised ends that reach into an evaporation chamber. As such, claim 19 is patentable over Blaschke.


Information Disclosure Statement (IDS) Material

The Office Action states that references labeled AJ, AK, AQ, AR, AS and AT were not included in the IDS filed February 9, 2004. These references were included, however, in the parent application (Serial No.10/382,089) to this application. As such, these references need not be submitted (this was indicated in the IDS of February 9, 2004). For the convenience of the Examiner, however, references AJ, AK, AQ, AR, AS and AT are included herewith. Applicants respectfully request that these references be considered and that such consideration be noted in the next Office Action.

Conclusion

It is believed that the application is in condition for allowance. Consideration of the application and issuance of a notice of allowance are respectfully requested.

Respectfully submitted,


M. Brad Lawrence
Registration No. 47,210

BROMBERG & SUNSTEIN LLP
125 Summer Street
Boston, MA 02110-1618
Tel: 617 443-9292
Fax: 617 443-0004

02229/00154 387014.1